

Work Order ID 129817

Monday, February 23, 2015 10:11:32 AM

129817

Page 1

Item ID: D5051-041

Accept

N900040100

Setup Start

NS1

Revision ID: ~~PRELIM~~

Stop

NS2

Item Name: Cyclic Switch Housing Assembly

Start Date: 2/23/2015 Start Qty: 20.00

20

Cust Item ID:

Required Date: 2/23/2015 Req'd Qty: 20.00

20

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

D5051

e

per EN 15.523 15.0223 u

0.00

100

Purchasing

Memo

0.00

Purchasing

ISSUE PO:
TO:RED BARN

27525

u 15.0223

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Memo

0.00

Packaging

u

15.0223

115

QC5- Inspect part completeness to step on W/O

0.00

115

QC

Memo

0.00

Quality Control

(20)

DAS
32 38
9-89 9-89

FEB 24 2015

Work Order ID 129817

Monday, February 23, 2015 10:11:32 AM

129817

Page 2

Item ID: D5051-041
Revision ID: PRELIM
Item Name: Cyclic Switch Housing Assembly

Accept

N900040100

Setup Start ***NS1***

Stop ***NS2***

Start Date: 2/23/2015 Start Qty: 20.00 ***20***

Required Date: 2/23/2015 Req'd Qty: 20.00 ***20***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run Start ***NR1***

QC:

Date:

SPC (Y/N):

Date:

Stop ***NR2***

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID Tool # Plan Accept Reject Reject Insp.
Code Qty Qty Number Stamp

120

Identify as per dwg & Stock Location

0.00

120

Packaging

Memo

0.00

Packaging

130

QC21- Final Inspection - Work Order Release

0.00

130

QC

Memo

0.00

Quality Control

ST 1/24

u 15-02-24

15/2/24

u 15-02-24

Picklist Print

Monday, February 23, 2015 10:11:39 AM

Page 1

Work Order ID: 129817

129817

Parent Item: D5051-041

D5051-041

Parent Item Name: Cyclic Switch Housing Assembly

Start Date: 2/23/2015

Required Date: 2/23/2015

Start Qty: 20.00

Required Qty: 20.00

Comments: IPP REV:A NEW ISSUE 15.02.24 JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D5051-041P		Purchased	No				Each	0.0000		20			

D5051-041P

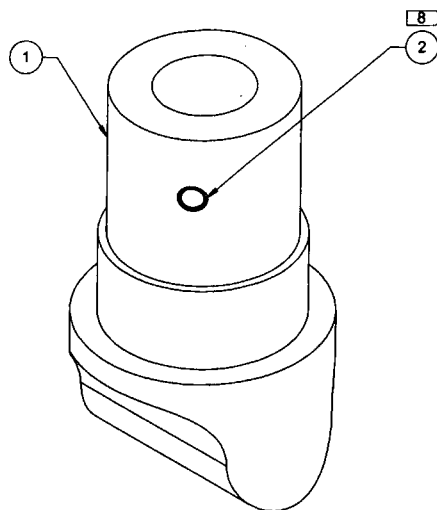
Cyclic Switch Housing Assembly

**

20

u
15-02-23
129817

ITEM	QTY	P/N	DESCRIPTION
	X	D5051-041	CYCLIC SWITCH HOUSING ASSY
1	1	D5051-1	CYCLIC SWITCH HOUSING
2	1	MS21209C0810	HELICOIL



D5051-041 CYCLIC SWITCH HOUSING ASSY

RELEASED

2015 FEB 23
ECN 15-523 4

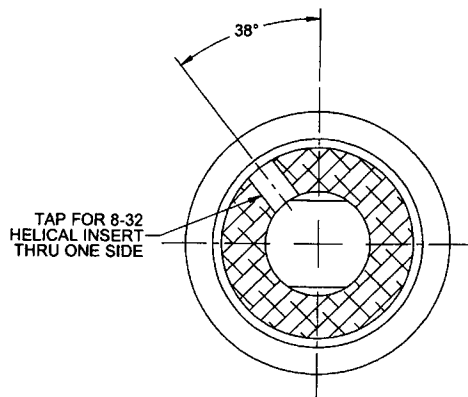
W10129812

NOTES:

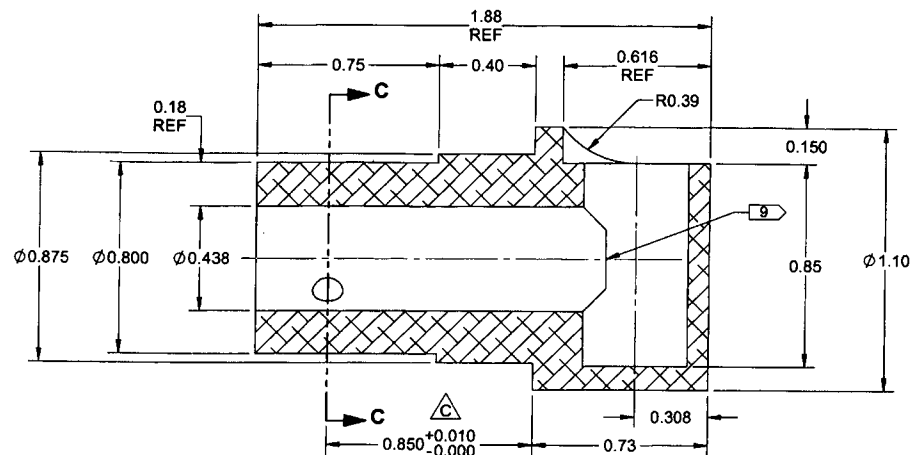
- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D5051-041" AND B/N BXXXXX USING A MARKED BAG PER QSI 044 6.7
- 7) WEIGHT: 0.07 lbs
- 8) INSTALL HELICOIL AFTER FINISH

C	ADDED BOM (ZN D7-1). ADDED D5051-041 (ZNB5-1). ADDED NOTE 8 (ZN A8-1). ADDED SHEET 2. REVISED HOLE POSITION (ZN C3-2). REF NCR15-4575.	AK	15.02.04
B	REDESIGNED BASED ON TCCA PILOT FEEDBACK AND TO INCORPORATE SMALLER SWITCH.	ML	14.06.24
A	NEW ISSUE	ML	14.01.28
REV.	DESCRIPTION	BY	DATE
DESIGN	ML	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	AK		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	JLM	D5051	SHEET 1 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CYCLIC SWITCH HOUSING	NTS
DATE	15.02.04	COPYRIGHT © 2014 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

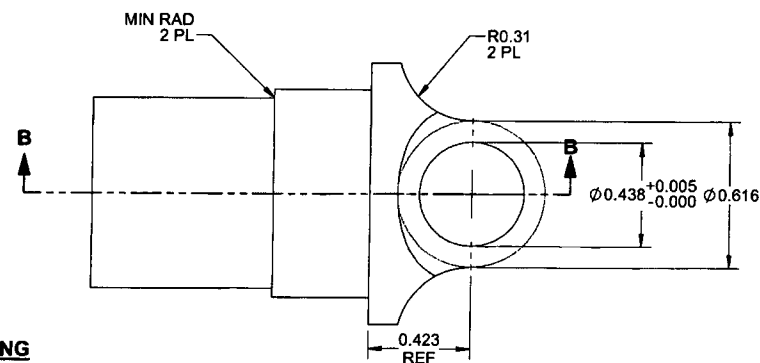
APPROVED



SECTION C-C



SECTION B-B



D5051-1 CYCLIC SWITCH HOUSING

RELEASED

2015 FEB 23

NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8
OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221, REF DART SPEC M6061T6R
OR: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116) OR QQ-A-200/8
OR AMS-QQ-A-200/8 (OR AMS 4160) OR ASTM B211 OR ASTM B221, REF DART SPEC M6061T6B
- 2) FINISH: ANODIZE BLACK PER MIL-A-8625, TYPE II, CLASS II
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.07 lbs
- 8) PROFILE ALL NON DIMENSIONED FEATURES PER CAD FILE "D5051-1-REVC.STP"
- 9) BREAKTHROUGH IS CREATED, DEBURR ALL INTERNAL/EXTERNAL SHARP EDGES

APPROVED

DESIGN	ML	DART AEROSPACE LTD	
DRAWN	AK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	JLM	D5051	SHEET 2 OF 2
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CYCLIC SWITCH HOUSING	NTS
DATE	15.02.04	COPYRIGHT © 2014 BY DART AEROSPACE LTD	
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD			



DART Aerospace
190 S Danebo Ave
Eugene, OR 97402
USA
Tel: 541.334.9953
Fax: 541.344.3863

Certificate of Conformance

Customer: DART Aerospace LTD. (Hawkesbury)

Purchase Order: 27525

Part Number	Description	Quantity	Batch
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-01
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-02
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-03
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-04
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-05
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-06
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-07
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-08
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-09
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-10

Packing Slip Number: 18041

ALL MATERIALS, PARTS, COMPONENTS HAVE BEEN INSPECTED AND HAVE BEEN MANUFACTURED TO THE DRAWINGS LISTED ON :

DART D5051 Rev. C

Date of MFG 2-20-2015

Approved By:

Jason Lindsay

Quality Assurance Manager

Date: 2-20-15



DART Aerospace
190 S Danebo Ave
Eugene, OR 97402
USA
Tel: 541.334.9953
Fax: 541.344.3863

Certificate of Conformance

Customer: DART Aerospace LTD. (Hawkesbury)

Purchase Order: 27525

Part Number	Description	Quantity	Batch
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-11
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-12
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-13
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-14
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-15
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-16
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-17
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-18
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-19
D5051-041	Cyclic Switch Housing Assembly	1	01-4598-20

Packing Slip Number: 18041

ALL MATERIALS, PARTS, COMPONENTS HAVE BEEN INSPECTED AND HAVE BEEN MANUFACTURED TO THE DRAWINGS LISTED ON :

DART D5051 Rev. C

Date of MFG 2-20-2015

Approved By: _____

Jason Lindsay

Quality Assurance Manager

Date: 2-20-15

190 S. Danebo Avenue
Eugene, OR, USA 97402
dartaerospace.com

T 1 541 344-9953
F 1 541 344-3863

Sales
T 1 800 556-4166
F 1 613 632-4443
E sales@dartaero.com

Mission
Ready.